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Through struggle to the stars



A Message for Students

Dear Student

I understand that this can be an anxious time for you as you make the first choices about your future study at NHGS. Whatever your experience so far at NHGS, embarking on a GCSE course of study is markedly different. More will be expected of you as you transition from a “novice” learner to an “expert” in a specialised field. You will have to study independently, question and analyse, learn to listen and engage and challenge yourself.

When choosing the subjects you wish to pursue further, keep this in mind. It is meant to be challenging so don't be tempted to choose what you might wrongly perceive to be an easier option. You do your future self a disservice by avoiding the difficult. The adult and student you will become will be created by the challenges you accept now and how you grapple with them. Aim to build the best version of you. Be ambitious for yourself and set a path you can be proud of.

Don't try to overthink your choices. You cannot predict all the possible future choices or opportunities you may have.

Don't try to choose a career. You may have a career in mind and some subjects will be helpful for that, but you are choosing what you wish to study for Year 10 and 11 and what might enable you to take that A Level post 16.

Don't do what your friends are doing just because they are your friends. This is your opportunity to truly be yourself.

Don't choose because you like the teacher. Your teacher may change before you finish the course.

Do choose a subject that you enjoy. You have to study it for two years and put a lot of effort into it, so you should enjoy it.

Do listen to your teachers and family and remember why you attended a grammar school. You are able. This is your opportunity to demonstrate it.

Do take this seriously, but don't worry about the choices you eventually make. Any that might affect your opportunities long term are already compulsory. Far more important than the specific choices you make is the process you undergo in making those choices. The questions that you ask of yourself, your understanding of your passions and interests and your confidence in explaining these to the adults around you.

Kind regards



D Deehan FRSA
Headteacher

A Message for Parents and Carers

Dear Parents/Carers

Please read the advice and guidance I have given to students so you understand our approach to this process and can work with us. You have, up to now, led and guided your child's education and made excellent choices for them. Not least sending them to NHGS. This is a critical time in their grammar school education and despite wishing to exercise some independent choice, they need guidance more than ever.

You sent them to NHGS because you value the academic education it provides. This is the point at which they demonstrate that by choosing subjects which reflect their ambitions and abilities.

In the interests of increasing student choice while maintaining an academic curriculum, we have taken the decision to remove the compulsory nature of Modern Foreign Languages and Religious Studies.

We recommend that every student take a Modern Foreign Language as part of their GCSE course to enhance their cultural understanding, to enable them to demonstrate a broad skillset, and to increase their options in a global career market. However, we recognise that there are some students for whom language acquisition is particularly challenging and we would like to ensure that all students are able to achieve highly and set courses of their own choosing.

Although Religious Studies is no longer compulsory, also in the interest of student choice, we would encourage students to consider it as a valuable GCSE that helps to develop cultural understanding along with critical and analytical thinking and communication skills.

Creative and practical subjects are an important element and are equally challenging. Like all the GCSE subjects, they require a level of commitment and a work ethic that might be a significant step change for some.

We expect the vast majority of our students to continue to A Level study at NHGS Sixth Form and we have set a high bar for entry which reflects the ability of our students and distinguishes our Sixth Form from others. GCSE study is the essential testing ground and preparation for such future success.

Kind regards



D Deehan FRSA
Headteacher

Essential Information

We expect nearly all of our students to study 9 GCSEs.

These 9 subjects are made up of our standard 'Core' offer, which comprises of five GCSEs:

Combined Science * (worth two GCSEs)	<i>Page 8</i>
English Language	<i>Page 9</i>
English Literature	<i>Page 10</i>
Mathematics	<i>Page 11</i>

And four options subjects chosen from the following:

Art and Design	<i>Page 12</i>
Computer Science	<i>Page 13</i>
Design and Technology	<i>Page 14</i>
Food Preparation and Nutrition	<i>Page 15</i>
Geography	<i>Page 16</i>
History	<i>Page 17</i>
Modern Foreign Language	<i>Pages 18-19</i>
Music	<i>Page 20</i>
Physical Education (PE)	<i>Page 21</i>
Religious Studies	<i>Page 22</i>
Separate Sciences*	<i>Pages 23-25</i>

Information about each of these courses is provided later in this booklet.

In addition to their GCSEs, all students also follow non-examined courses in PE and Character and Culture;

Students must select one subject from Geography, History, Modern Foreign Language, Separate Sciences or Computer Science. They will then have three other options from the subjects listed above;

Students currently studying one Modern Foreign Language in Year 9 can choose to continue with this at GCSE and those currently studying two have the option to take both as part of their choices at GCSE;

We recommend that students only select one of Design and Technology, Food Preparation and Nutrition or Art and Design due to the demands of the coursework elements in these subjects;

In most cases, we require at least 16 students to opt for a course in order to guarantee for it to run;

In some subjects, staffing and facilities will dictate that we have to limit the number of groups/places. Where too many students opt for a course, places will be allocated in preference order.

* Combined/Separate Sciences. For an explanation please see overleaf and the subject information pages.

The English Baccalaureate (EBacc)

The EBacc is a 'composite qualification' achieved by students who get pass grades (4 and above) in English, Mathematics, two Sciences (one of which can be Computer Science), an MFL and either History or Geography. We strongly recommend that all students should aim to achieve the EBacc, although we have not made all elements of it part of our core curriculum. For some universities and employers, it has currency as a marker of good all round academic ability.

The EBacc helps in applying to the most competitive universities and courses by making students stand out as having an academic background.

Combined Science / Separate Sciences

Combined Science is worth two GCSEs and is a mixture of Biology, Chemistry and Physics, with a combined grade for the course (ie 88 for Combined Science). Separate Sciences of Biology, Chemistry and Physics are worth three GCSEs in total with separate grades for each subject (ie 7 for Biology, 8 for Chemistry, 7 for Physics). Separate Sciences involves studying more content for each of Biology, Chemistry and Physics.

Students considering taking sciences at A Level or pursuing careers in medicine, dentistry, veterinary science, engineering, etc. are strongly advised to take Separate Sciences. Students taking A Level Sciences after doing Combined Science at GCSE will find themselves at a disadvantage, but A Level Sciences are still available to any student. We anticipate around 70% of NHGS students will take Separate Sciences. Students opting for Separate Sciences will choose three other option subjects, while students of Combined Science will choose four other options.

FAQs

Why choose a Modern Foreign Language?

We are a grammar school and expect our students to take on academic challenges. Language skills are in demand across a very wide range of sectors and jobs and can be used in almost any career.

Within and beyond lessons, our curriculum supports the school's development of international links; connecting our students with native speakers through letter exchanges, video presentations and video conference live conversations. We also encourage participation in competitions and projects that celebrate linguistic diversity, enhancing literacy and encouraging students to become global citizens.

Why do you recommend that students do no more than one of Art and Design, Design and Technology, Food Preparation and Nutrition?

The non-examined assessment will swamp you! Please consider the coursework load carefully. If you need to discuss this further, talk to us.

Can you make a reasonable adjustment to meet my (child's) SEND?

Quite possibly.

Please contact Miss Bryan, our SENDCo, in the first instance.

Key Contacts

Assistant Headteacher Mrs Ablewhite	h.ablewhite@nhgs.co.uk
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SENDCo Miss Bryan	e.bryan@nhgs.co.uk
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Data & Development Manager (Options Co-ordination) Mrs Greenwood	s.greenwood@nhgs.co.uk
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Process And Timeline

December 2024	Options afternoon for students
22 nd January 2025	Options assembly for students
4 th February 2025	Options booklet and guidance emailed to parents and students
6 th February 2025	Year 9 Parents' Evening
7 th February 2025	Options choices Google form to be shared with parents
28 th February 2025	Deadline for completing options form
w/c 17 th March 2025	Discussions with parents and students in case of over subscription of subjects
w/c 24 th March 2025	Final choices to be confirmed to parents and students

When selecting options choices, please remember the following points:

Students must select at least one of the following subjects (and may select more than one):

- Separate Sciences (Biology, Chemistry and Physics)
- Computer Science
- Geography
- History
- Modern Foreign Language

Students will then select three other choices plus one reserve choice.

Combined Science

Exam Board	AQA		
Overview of the subject at GCSE	<p>Combined Science is worth two GCSEs and is a mixture of Biology, Chemistry and Physics, with a combined grade for the course (ie 88 for Combined Science). Separate Sciences of Biology, Chemistry and Physics are worth three GCSEs in total with separate grades for each subject (ie 7 for Biology, 8 for Chemistry, 7 for Physics). Separate Sciences involves studying more content for each of Biology, Chemistry and Physics.</p>		
	<p>Biology</p> <ul style="list-style-type: none"> • Cell biology; • Organisation; • Infection and response; • Bioenergetics; • Homeostasis and response; • Inheritance, variation and evolution; • Ecology. 	<p>Chemistry</p> <ul style="list-style-type: none"> • Atomic structure and the Periodic Table; • Bonding, structure, and the properties of matter; • Quantitative chemistry; • Chemical changes; • Energy changes; • The rate and extent of chemical change; • Organic chemistry; • Chemical analysis; • Chemistry of the atmosphere; • Using resources. 	<p>Physics</p> <ul style="list-style-type: none"> • Energy; • Electricity; • Particle model of matter; • Atomic structure; • Forces; • Waves; • Magnetism and electromagnetism.
Skills required to be successful at GCSE	<p>The main difference between studying Combined Science and Separate Sciences is that there is less content covered overall in the Combined Science course than when studying Biology, Chemistry and Physics separately. This means that students still receive a strong grounding in applying the scientific method and acquire a good grasp of all the topics covered in the different sciences, but do not tackle some of the hardest concepts of the separate courses. See Separate Sciences for the skills required in Biology, Chemistry and Physics. You will still study all three of these sciences if you select Combined Science, with a smaller amount of content of each.</p>		
Where will the course take you?	<p>Combined Science teaches many skills and a lot of knowledge that is relevant to many careers and also to life in general. We need scientific knowledge to understand the modern world and many of the challenges it presents, from climate change to pandemics!</p> <p>Students considering taking Sciences at A Level or pursuing careers in medicine, dentistry, veterinary science, engineering, etc. are strongly advised to take Separate Sciences. Students taking A Level Sciences after doing Combined Science at GCSE will find themselves at a disadvantage, but A Level Sciences are still available to any student. We anticipate around 70% of NHGS students will take Separate Sciences.</p>		

Exam Board	AQA		
Overview of the subject at GCSE	<p>English Language builds your communication skills and helps you to interact with and interpret the world around you. For English Language, you will read a wide range of fiction and non-fiction from the last three centuries looking at a range of texts that reflect on the world we live in. You are trained to become perceptive and critical readers, and to write with impact and flair.</p>		
	<p>Paper 1: Explorations in Creative Reading and Writing</p> <p>Reading critically and responding to a modern fiction text. You are taught:</p> <ul style="list-style-type: none"> • Fact retrieval; • Analysing language; • Analysing structure; • Evaluating writers' choices; • Writing narrative and descriptive prose for impact; • Writing for purpose in appropriate form and register; • Writing clearly and coherently; • Different writing structures; • Spelling, punctuation and grammar. 	<p>Paper 2: Writers' Viewpoints and Perspectives</p> <p>Reading critically and responding to two non-fiction texts from different eras. You are taught:</p> <ul style="list-style-type: none"> • Fact retrieval; • Synthesis and inference; • Analysing language; • Comparing writers' perspectives and methods; • Writing to argue persuasively in essay, speech, leaflet, article and letter format; • Writing clearly and coherently; • Different writing structures; • Spelling, punctuation and grammar. 	<p>Non-examination assessment: Spoken Language Endorsement</p> <p>As part of the GCSE, you will give a presentation on a topic of your choice, which will be awarded a mark that appears on your GCSE certificate. You are taught:</p> <ul style="list-style-type: none"> • Presenting clearly and coherently, and with impact; • Using language creatively; • Use of notes in oral presentations; • Listening and responding with questions; • Responding to questions and elaborating on ideas.
Skills required to be successful at GCSE	<p>You will build and develop the following skills:</p> <ul style="list-style-type: none"> • Selecting and synthesising information; • Separating fact from fiction and being alert to bias; • Analysis, interpretation and evaluation of ideas and the methods used to present them; • Writing in a range of styles and genres; • Organising texts and information effectively; • Technical accuracy in written expression; • Communication of ideas – both verbal and written – in articulate and precise language; • Delivering an effective presentation. 		
Where will the course take you?	<p>The skills you develop here will support you in your A Level studies in different subjects and across all degree courses at university. Recently English A Level students have gone on to study; English Language and Literature, Speech Therapy, Criminology, Media and Journalism, Medicine, Law, Business, Politics, History, Art, Philosophy, Economics, Geography and Modern Foreign Languages amongst others. English Language skills are useful in every career: business, law, education, administration, politics and government, medicine, media, sales and marketing, and journalism to name but a few.</p>		

Exam Board	AQA	
Overview of the subject at GCSE	<p>Shelley once said that poetry is the “best words in the best order”, but study of English Literature takes you far beyond merely the study of words. It makes you think about what it is to be human; to understand why people act the way they do; and to explore the impact of history and other contexts on humanity. In addition, you’ll improve your well-being; regular reading is good for your health.</p>	
	<p>Paper 1: Shakespeare and 19th Century Fiction</p> <ul style="list-style-type: none"> • Macbeth by William Shakespeare; • A Christmas Carol by Charles Dickens. <p>You are taught:</p> <ul style="list-style-type: none"> • <i>Critical Reading Skills</i>: Analysing form, language and structure; • <i>Critical Writing Skills</i>: constructing argument, exploring interpretations, using quotation, applying knowledge of contexts. 	<p>Paper 2: Modern Texts</p> <ul style="list-style-type: none"> • Lord of the Flies by William Golding; • Power and Conflict Poetry; • Unseen Poetry. <p>You are taught:</p> <ul style="list-style-type: none"> • <i>Critical Reading Skills</i>: Analysing form, language and structure; • <i>Critical Writing Skills</i>: constructing argument, exploring interpretations, using quotation, applying knowledge of contexts.
Skills required to be successful at GCSE	<p>The ability to argue is vital – you have to develop your own opinions and arguments about the texts.</p> <p>Reading skills of selection, synthesis, analysis and interpretation are key. The willingness to develop your awareness of history, philosophy and society are also vital.</p> <p>You will develop your analytical writing skills and learn to be really forensic in your approaches to texts.</p>	
Where will the course take you?	<p>The confidence you build in analysis and in constructing and articulating arguments is useful in multiple degree courses and careers – and is one of the reasons English Literature graduates are so attractive to the legal, political and business professions.</p> <p>Recently English A Level students have gone on to study; English Language and Literature, Ancient History, Criminology, Media and Journalism, Tourism, Law, Business, Politics, History, Art, Philosophy, Economics, Geography and Modern Foreign Languages amongst others.</p> <p>English Literature skills are useful in a wide range of careers: law, education, business, administration, art, politics and government, media, sales and marketing, and criticism to name but a few.</p>	

Exam Board	<p>Pearson Edexcel 1MA1 Mathematics higher tier.</p> <p>Higher attaining students may also be taught the additional content for the AQA Level 2 Certificate, Further Mathematics or the Pearson Edexcel Level 3 Algebra Qualification.</p>
Overview of the subject at GCSE	<p>The aims and objectives of the GCSE in Mathematics are to enable you to:</p> <ul style="list-style-type: none"> • Develop fluent knowledge, skills and understanding of mathematical methods and concepts; • Acquire, select and apply mathematical techniques to solve problems; • Reason mathematically, make deductions and inferences, and draw conclusions; • Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context. <p>The qualification covers the following content headings:</p> <ul style="list-style-type: none"> • Number; • Algebra; • Ratio, proportion and rates of change; • Geometry and measures; • Probability; • Statistics. <p>The qualification consists of three equally weighted written examination papers. Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3. Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts.</p>
Skills required to be successful at GCSE	<p>The skills developed through the study of Mathematics are in high demand from employers. In addition to developing the ability to solve problems and think logically, the study of Mathematics provides opportunities to develop team-working skills, resilience, effective communication of complex ideas and the ability to use your own initiative. You will learn how to collect and analyse data and how to find efficient solutions to real life problems. These skills and techniques are also important in business, logistics and computer science.</p>
Where will the course take you?	<p>Mathematics is a highly valued qualification by employers and universities. The vast range of degree courses and careers that require solid mathematical skills ensures that taking Mathematics to AS Level or beyond will open doors to a world of opportunities.</p> <p>Mathematics underpins most of Science, Technology and Engineering and is also important in areas as diverse as business, accountancy, banking, insurance, law, nutrition, sports science and psychology.</p> <p>Employability Skills: The reason why so many employers highly value Mathematics qualifications is because Mathematics students become better at thinking logically and analytically. Through solving problems, you develop resilience and are able to think creatively and strategically. The writing of structured solutions, proof and justification of results help you to formulate reasoned arguments. Importantly you will have excellent numeracy skills and the ability to process and interpret data.</p> <p>Career Opportunities: Mathematics qualifications are versatile and are well-respected by employers. Careers for people with good Mathematics skills and qualifications are not only well paid, but they are also often interesting and rewarding. People who have studied Mathematics are in the fortunate position of having an excellent choice of career.</p>

Exam Board	AQA
Overview of the subject at GCSE	<p>Course: Art and Design (Art, Craft and Design)</p> <p>Our GCSE Course is rich in opportunities for you to develop practical skills alongside visual literacy, contextual understanding and critical thinking. Throughout the course you will be encouraged to follow your own lines of interest and enquiry when developing your work. As a result, we see rich and varied outcomes ranging from large scale sculptures, photography, textile pieces, animations, traditional paintings and concept design for games.</p> <p>Course Structure -</p> <p>Component 1: Coursework Portfolio (60%) and Component 2: (40%) Externally Set Assignment.</p> <p>Coursework Units -</p> <ul style="list-style-type: none"> • Still Life: Photography and digital image manipulation (beginner), drawing for purpose (experimental, design & observational), working on prepared grounds, mixed media, lino printing and monoprinting; • Identity: Tonal drawing, Photography, digital image manipulation (intermediate/advanced), stencil and spray painting, experimental drawing, abstraction and surface pattern design, 3D Ceramic sculpture, plaster casting and carving. This unit includes a gallery visit along with at least one workshop with a practicing artist. Outcomes are varied and tailored to your own interests. <p>Your portfolio will be assessed over four areas – observation & recording (both written and practical), experimentation and ideas development, Artist research and your overall response to your chosen themes.</p> <p>In January in Year 11, AQA release details on the Externally Set Assignment. You will choose a theme to study from the selection of starting points provided and produce work to evidence the four assessment objectives. The preparation period for this task is usually between 6-8 weeks, resulting in 10 hours of controlled time in which you will produce your final outcome unaided.</p>
Skills required to be successful at GCSE	<ul style="list-style-type: none"> • Good organisation skills and the ability to work independently are essential to the study of Art; • An appreciation of and interest in visual culture would be beneficial as it will enable you to tailor your work to your own interests; • A willingness to try new things and the ability to reflect on your own work and that of others critically; • A reasonably strong foundation in drawing will be helpful, however we do continue to build on this skill continually throughout the course. • The ability to work as a team ensures a safe, inspiring and productive studio environment.
Where will the course take you?	<p>GCSE Art, Craft and Design is a perfect foundation for further study at A Level, especially Art and Design. This can lead to a number of exciting design based careers including Advertising & Publishing, Animation, Architecture, Artist, Automotive Design, Ceramics, Curation, Fashion, Graphics, Hair & Make up Design for TV & Film, Illustration, Interior Design, Journalism, Jewellery Design, Photography (interiors, wedding, editorial), Teaching, Theatre, Video Games Design</p> <p>As an Art student you will develop skills in problem solving, creative thinking, investigation, research, communication and teamwork skills, and gain the ability to develop, refine and present ideas. Employers and universities regard all of these highly.</p>

Exam Board	OCR
Overview of the subject at GCSE	<p>Computer systems - this component will assess:</p> <ul style="list-style-type: none"> • 1.1 Systems architecture; • 1.2 Memory and storage; • 1.3 Computer networks, connections and protocols; • 1.4 Network security; • 1.5 Systems software; • 1.6 Ethical, legal, cultural and environmental impacts of digital technology. <p>Computational thinking, algorithms and programming- this component will assess:</p> <ul style="list-style-type: none"> • 2.1 Algorithms; • 2.2 Programming fundamentals; • 2.3 Producing robust programs; • 2.4 Boolean logic; • 2.5 Programming languages and Integrated Development Environments.
Skills required to be successful at GCSE	<p>You will not be programming or using a computer all the time in GCSE Computer Science lessons. You will need to have strong skills and subject knowledge in Mathematics and a solid interest in Physics and Electronics would also help.</p> <p>You will be required to create, read, amend and find errors in algorithms, which includes studying flowcharts and written pseudocode.</p> <p>You should be eager to demonstrate your:</p> <ul style="list-style-type: none"> • Creative thinking; • Presentation skills; • Problem-solving skills; • Communication skills; • Accuracy and attention to detail. <p>You must be an independent learner but also work with the teacher and group to be successful.</p>
Where will the course take you?	<p>Degree apprenticeships are gaining popularity. You can apply for places once you have a Computer Science A Level. Some students that have studied Computer Science at NHGS have gone on to do apprenticeships with large organisations such as Cisco. These organisations pay a salary as well as pay for the degree course and also offer extra qualifications which can be taken alongside your degree. It is also possible to find placements that will offer employment after successful completion of the degree.</p> <p>Qualifications in Computer Science can lead you to work in many areas which include: Graphic Designer/Virtual Reality Games Designer/Web Content Manager/Drone Pilot/3D Printed Clothing Designer/Video Journalist/Social Media Strategist/Big Data Architect/Cyber Security Analyst.</p> <p>You could also use your problem solving skills to work in various research projects.</p>

Design and Technology

Exam Board	AQA
Overview of the subject at GCSE	<p>Design and Technology brings your ideas to life! Use your imagination to create innovative ideas that you will develop in a variety of contexts, using the materials you choose. Learn how to appreciate the design process behind items that you use every day. Everything begins with an idea: that idea will be yours!</p> <p>Course content for GCSE Design and Technology</p> <ul style="list-style-type: none"> • Core technical principles – a broad knowledge of a range of materials; • Specialist technical principles – a detailed knowledge of at least one material area of your choice; • Designing and making principles – skills and knowledge related to the process of designing and making. <p>In Year 10, you will undertake several small projects, using a range of materials and techniques, to develop your skills and knowledge related to your chosen specialist area. This will prepare students to produce a personal outcome to an examination board -set controlled assessment (NEA task) which will be completed during Year 11. This controlled assessment forms 50% of the GCSE total mark. The NEA task will be started in June of Year 10 and completed by Easter in Year 11. The design folder should consist of approximately 20 pages of A3 paper or the ICT equivalent (e portfolio).</p> <p>The remaining 50% will be a two hour written examination - the content has been split into three sections: Core technical principles/Specialist technical principles/Designing and making principles.</p> <p>Design and Technology (Timber, Metals, Polymers, Textiles, Papers & Board)</p> <p>Design and Technology combines making, modelling and visual communication, allowing you to work in one or a combination of the above materials while using a wide range of tools, machinery and new technologies. The emphasis is on problem-solving, invention and creativity and is for students who enjoy designing and making high-quality products which are innovative and useful.</p>
Skills required to be successful at GCSE	<p>The subject combines well with and uses the skills learnt in Mathematics, Science, Art and Computer Science. The skills and qualities required are creativity, innovation, time management, organisation, discipline, perseverance, problem solving, team work and communication.</p>
Where will the course take you?	<p>This course leads perfectly onto A Level Product Design. The course will:</p> <ul style="list-style-type: none"> • Provide access to a wide range of careers in the creative, engineering and manufacturing industries; • Prepare for careers in many other fields e.g. medicine, law and computer science. Whatever career you choose, the knowledge and skills that you learn, particularly those concerned with rapidly developing technologies, will be extremely valuable.

Exam Board	AQA
Overview of the subject at GCSE	<p>This is a fresh, exciting and creative course which focuses highly on practical cooking skills and equips you with an array of culinary techniques, as well as knowledge of nutrition, food traditions and kitchen safety. You will be given the opportunity to apply knowledge, along with innovative ideas to plan, prepare, cook and develop dishes that are not only vital life skills but are show stoppers too.</p> <p>Assessment: The course is assessed in three ways:</p> <p>Written Examination - (1hr 45 mins) weighting 50% - based on theoretical knowledge of food preparation and nutrition from the five core topics;</p> <p>Controlled Assessment - weighting 35% - you will have up to three hours to plan, prepare, cook, serve, and evaluate a broad set practical task following preparation to research, trial skills and modify suitable dishes. You will submit a written portfolio including photographic evidence of the final three dishes;</p> <p>Practical Investigation – weighting 15% - you will produce a report, including photographic evidence, which shows understanding of the functional and chemical properties of ingredients based on evidence from practical work.</p> <p>The Five Core Topics are:</p> <p>Food, Nutrition and Health – including sources and functions in the body of macro and micro nutrients depending on age, gender, and lifestyle and diet related health risks;</p> <p>Food Science - including an understanding of the working characteristics, functional and chemical properties and scientific principles of ingredients;</p> <p>Food Safety – including principles when buying, storing, preparing, and cooking food;</p> <p>Food Choice – including how to make an informed choice about food and drink to achieve a healthy and balanced diet for particular groups of people, including the impact of processing and technological developments in health and food production and the environment.</p> <p>Food preparation skills are integrated into these five core topics and are based on a number of skill groups including; general practical skills, knife skills including, preparation of fruit and vegetables, use of the cooker and making doughs.</p>
Skills required to be successful at GCSE	<p>When considering whether to take Food Preparation and Nutrition, you must consider your commitment to bringing ingredients to school most weeks, organisation, independence, creativity, technical ability, problem solving, time management, communication and the administration of your written folder work. These are the main topic areas you will learn throughout your GCSE.</p>
Where will the course take you?	<p>Qualifications in Food Preparation and Nutrition at GCSE can lead you to a wide variety of career paths including university degrees and apprenticeships and degree apprenticeships. There are a range of apprenticeships linked to food preparation and nutrition, such as: bakery, butchery, food technologist, hospitality catering, hospitality management, front office management and food manufacturing and processing.</p> <p>Degree apprenticeships are gaining popularity due to organisations paying a salary as well as paying for the degree course and they also offer extra qualifications which can be taken alongside your degree. It is also possible to find placements that will offer employment after successful completion of the degree.</p>

Exam Board	AQA
Overview of the subject at GCSE	<p>Paper 1: Physical Geography Examination which accounts for 35% of the marks and lasts 1 hour 30 minutes.</p> <p>You will answer three questions based on the following topics:</p> <ul style="list-style-type: none"> • The challenge of natural hazards – why do earthquakes, volcanoes, tropical cyclones and other climatic hazards occur? You will need to know this in detail, as well as knowing how these issues are managed; • Ecosystems - what are the characteristics of rainforests, deserts or cold environments? How are these areas being used and what global implications does this have? • UK landscapes - what are the characteristic landforms of coastal and river landscapes in the UK? How are these areas being managed to protect them for future use? <p>Paper 2: Human Geography Examination which accounts for 35% of the marks and lasts 1 hour 30 minutes.</p> <p>You will answer three questions based on the following topics:</p> <ul style="list-style-type: none"> • Changing urban landscapes - you will study how cities develop differently in rich and poor countries and how different regions of the world manage peoples changing needs; • Globalisation of the world economy - you will learn why some areas of the world are seeing massive economic growth, yet other areas are stagnating; • Managing global resources - why are there imbalances in food, water and energy resources throughout the world? What challenges are there to access these resources in different countries? <p>Paper 3: Geographical Skills Examination is 30% of the marks and is 1 hour and 30 minutes in length.</p> <p>You will be taught about investigation, communication, interpretative and presentational skills, which will be important for this examination. You will also be tested on your two fieldwork enquiry days and a pre-release data booklet on this examination paper.</p>
Skills required to be successful at GCSE	<p>You will need:</p> <ul style="list-style-type: none"> • To come with a lively and enquiring mind; • To be able to demonstrate a high level of literacy skills to be able to answer the assessments using a high degree of accuracy; • Good mathematical skills to be able to cope with the analysis skills and presentation skills needed in your assessments and fieldwork activities; • An ability to learn case study details well to lift the quality of your extended answers; • An interest in current affairs so that you can apply ideas in your answers; • To cope with revising and learning large volumes of notes in this rigorous academic subject.
Where will the course take you?	<p>Geographers offer a wide range of exciting opportunities, including:</p> <ul style="list-style-type: none"> • Environmental and technical services; • Leisure, travel and tourism; • Education, social and public services; • Business and financial services; • Information and GIS services; • Management and administration services. <p>As a career it offers unrivalled opportunities for well paid jobs in a wide variety of settings, many with wonderful travel opportunities too.</p>

Exam Board	AQA
Overview of the subject at GCSE	<p>History at GCSE offers an exciting mix but keeps popular topics like Nazi Germany and the causes of WWII, as well as a mix of British and world history, and ranges from the arrival of the Vikings up to the present day.</p> <p>Paper 1: Understanding of the modern world</p> <ul style="list-style-type: none"> • Germany, 1890 - 1945: Democracy and Dictatorship; • Conflict and tension, 1918 - 1939. <p>Paper 2: Shaping the Nation</p> <ul style="list-style-type: none"> • Britain: Migration, empires and the people, c790 to the present day; • Medieval England: The reign of Edward I, 1272 – 1307. <p>You will:</p> <ul style="list-style-type: none"> • Progress by engaging in discussions and analysing a wide range of different sources (audio, video, text, cartoons, paintings, and photographs); • Produce diagrams, write notes, highlight and annotate information sheets; • Read and use a range of excellent textbooks; • Be able to use GCSEpod to help your initial understanding and also for revision.
Skills required to be successful at GCSE	<p>You will need to be able to...</p> <ul style="list-style-type: none"> • Ask questions about the past and consider relevant issues critically; • Use a range of sources alongside your own contextual knowledge, considering sources' provenance; • Think about how and why different interpretations have been constructed about people, events and developments from the past and why these have been seen as significant; • Organise and communicate your ideas on paper and reach supported judgements; • Continue to develop your own note taking techniques; • Continue to develop as an independent learner, with critical and reflective thinking. <p>All topics build on the knowledge developed in KS3 History at NHGS.</p>
Where will the course take you?	<p>Most potential employers (from journalism to law to business and beyond) regard History as a very valuable GCSE. This is because it teaches the vital skills that they require (communication, decision-making, providing evidence as justification, attention to detail, research, analysis and an understanding of how the world works).</p>

Modern Foreign Language - French

Exam Board	Pearson Edexcel
Overview of the subject at GCSE	<p>Studying French gives you the opportunity to communicate with 220 million French speakers, over five continents. French is the second most widely learned foreign language after English and the sixth most widely spoken language in the world.</p> <p>The GCSE French course is divided into six thematic contexts:</p> <ul style="list-style-type: none"> • My personal world; • Lifestyle and wellbeing; • My neighbourhood; • Media and technology; • Studying and my future; • Travel and tourism. <p>You will recognise many of the themes from Key Stage 3 and will continue to extend your knowledge of vocabulary and grammatical structures. The emphasis remains on communication and you will be hearing and using French regularly in the classroom to develop your skills in dealing with authentic situations.</p> <p>All formal assessment is taken at the end of Year 11, but regular internal assessment is undertaken throughout the course. The final GCSE grade will be awarded on the basis of four assessments, each worth 25% of the course.</p> <ul style="list-style-type: none"> • Speaking in French; • Listening and understanding in French; • Reading and understanding in French; • Writing in French.
Skills required to be successful at GCSE	<p>You will develop the ability to become a competent speaker acquiring the skills needed in this growing international global society. Skills you will develop through the course include:</p> <ul style="list-style-type: none"> • Communication skills; • Problem solving skills; • Accuracy and attention to detail; • Team working; • Creative thinking. <p>You will also develop an appreciation for the culture of other countries where French is spoken and you will understand the importance of being tolerant, open-minded and empathetic in a multicultural society.</p>
Where will the course take you?	<p>The ability to speak French is an advantage in the job market, both at home and abroad. Studies show that over two-thirds of UK businesses value foreign language skills and many language graduates go straight into business services, marketing, advertising, management, banking or the media. Language skills can lead directly into a career in translating, interpreting or teaching, and are also in demand in areas such as hospitality, law, journalism and publishing services.</p> <p>Many of our students go on to study French at university, either as a Single Honours Degree or as a Joint Honours, combining a language with a whole range of other subjects. A number of modern language degree programmes offer a year abroad. Some graduates wanting a long-term career using a language choose to take on a short-term role, such as teaching English, while living abroad and perfecting their language skills.</p>

Exam Board	Pearson Edexcel
Overview of the subject at GCSE	<p>Studying Spanish gives you the opportunity to communicate with 440 million Spanish speakers in 24 different countries. This makes it the second most spoken language in terms of the number of people who speak it as their mother tongue (only Mandarin Chinese has more native speakers). Spanish is spoken in Spain, throughout the Americas, as well as a few countries in the Caribbean, and Equatorial Guinea in Africa.</p> <p>The GCSE Spanish course is divided into six thematic contexts:</p> <ul style="list-style-type: none"> • My personal world; • Lifestyle and wellbeing; • My neighbourhood; • Media and technology; • Studying and my future; • Travel and tourism. <p>You will recognise many of the themes from Key Stage 3 and will continue to extend your knowledge of vocabulary and grammatical structures. The emphasis remains on communication and you will be hearing and using Spanish regularly in the classroom to develop your skills in dealing with authentic situations. All formal assessment is taken at the end of Year 11, but regular internal assessment is undertaken throughout the course. The final GCSE grade will be awarded on the basis of four assessments, each worth 25% of the course.</p> <ul style="list-style-type: none"> • Speaking in Spanish; • Listening and understanding in Spanish; • Reading and understanding in Spanish; • Writing in Spanish.
Skills required to be successful at GCSE	<p>You will develop the ability to become a competent speaker acquiring the skills needed in this growing international global society. Skills you will develop through the course include:</p> <ul style="list-style-type: none"> • Communication skills; • Problem solving skills; • Accuracy and attention to detail; • Team working; • Creative thinking. <p>You will also develop an appreciation for the culture of other countries where Spanish is spoken and you will understand the importance of being tolerant, open-minded and empathetic in a multicultural society.</p>
Where will the course take you?	<p>Language skills are in demand and can be used in almost any career, particularly in businesses that trade internationally. Some job options directly related to a degree in languages include: interpreter, secondary school teacher or translator. Jobs where this would be useful include: Broadcast Journalist, Diplomatic Service Officer, Education Consultant, English as a Foreign Language Teacher and many more. Many modern language degree programmes offer a year abroad. Some graduates wanting a long-term career using a language choose to take on a short-term role, such as teaching English, while living abroad and perfecting their language skills.</p>

Exam Board	Pearson Edexcel								
Overview of the subject at GCSE	<p>The Music course is split into non-examined assessment (60%) and an examination (40%).</p> <p>Performing (NEA) 30% of the qualification You must perform as a soloist and as part of an ensemble and may choose to perform on any instrument and in any musical style.</p> <p>Composing (NEA) 30% of the qualification You are given the opportunity to explore and develop your compositional skills alongside an understanding of how music is created. You must submit two compositions; one composition is in response to a brief, one is a free composition.</p> <p>Appraising (External examination) 40% of the qualification You will develop your listening and appraising skills through the study of music across a variety of styles and genres.</p> <table border="1" data-bbox="751 1166 1948 1644"> <tr> <td data-bbox="751 1166 1129 1279">Instrumental music 1700 – 1820</td> <td data-bbox="1129 1166 1948 1279">JS Bach: Brandenburg concerto No.5 Beethoven: Piano Sonata in C minor</td> </tr> <tr> <td data-bbox="751 1279 1129 1403">Vocal Music</td> <td data-bbox="1129 1279 1948 1403">H Purcell: Music for a While Queen: Killer Queen</td> </tr> <tr> <td data-bbox="751 1403 1129 1537">Music for Stage and Screen</td> <td data-bbox="1129 1403 1948 1537">S Schwartz: Defying Gravity (Wicked) J Williams: Main title: Star Wars IV</td> </tr> <tr> <td data-bbox="751 1537 1129 1644">Fusions</td> <td data-bbox="1129 1537 1948 1644">Afro Celt Sound System: Release Esperanza Spalding: Samba EM Preludio</td> </tr> </table>	Instrumental music 1700 – 1820	JS Bach: Brandenburg concerto No.5 Beethoven: Piano Sonata in C minor	Vocal Music	H Purcell: Music for a While Queen: Killer Queen	Music for Stage and Screen	S Schwartz: Defying Gravity (Wicked) J Williams: Main title: Star Wars IV	Fusions	Afro Celt Sound System: Release Esperanza Spalding: Samba EM Preludio
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Skills required to be successful at GCSE	<p>The ability to play an instrument or sing is essential.</p> <p>The ability to read music is desirable but not essential.</p> <p>You need to be confident in working independently which will help with the NEA. Music is a subject that provides all who take part in it with many skills. Besides developing performing, composing and aural skills which naturally are linked with the subject, students will develop skills through cross curricular links with Mathematics, History, English and Geography.</p> <p>Important personal skills such as teamwork, self-confidence, presentation and delivery, analysis (both subjective and fact based), understanding and study of different cultures develop naturally over the course which can then be used in future study of many other subjects.</p> <p><i>Studying GCSE music gives you skills that you will then be able to use in the future – no matter what you want to do! (F. Berry - previous A Level student).</i></p>								
Where will the course take you?	<p>Our musicians have gone on to study in performance, musical theatre, journalism, sound engineering/technician, teaching/work with young people, therapy, youth work. Employers recognise the creative and analytical skills that Music can develop in a young person. Music – more than just dots on a stave!</p>								

<p>Exam Board</p>	<p>AQA</p>
<p>Overview of the subject at GCSE</p>	<p>GCSE PE includes the compulsory study of: Applied Anatomy and Physiology, Movement Analysis, Physical Training, Use of Data, Sports Psychology, Socio-cultural Influences and Health, Fitness and Wellbeing.</p> <p>The combination of physical performance and academic challenge provides an exciting opportunity for you to perform, and then through the academic study learn how to improve your performance through application of the theory. PE is developed through a range of different contexts and the impact it has on our own and others' everyday lives. You will learn the reasons why we do things and why some people outperform others – mentally and physically. We also delve into the ethical considerations behind the use of drugs and gain an understanding of the consequences of inactivity and poor diet.</p> <p>The theory work is assessed with two written papers totaling 156 marks in total (60%). Alongside this are the skills of PE, which are examined via the Non Examination Assessment (NEA) component involving practical activities and a written piece of coursework (40%).</p>
<p>Skills required to be successful at GCSE</p>	<p>To be successful at GCSE PE you need to have a thirst and a desire to understand how the theory content can be applied to practical activities in sport. For example, the role of the musculoskeletal system plays in allowing a trampolinist to perform a 10 bounce routine in a competition.</p> <p>If you choose GCSE PE you must:</p> <ul style="list-style-type: none"> • Look to play/compete in at least one or two of your practical choices on a regular basis outside of school; • Attend additional practical sessions laid on by PE to give you the opportunity of a third practical activity choice; • Film evidence of core skills and competition to create a portfolio of evidence to back up the teacher's grade; • Be able to demonstrate a thirst and desire to understand more about other activities other than your main choice; • Listen on a regular basis to Radio 5 Live, Talk Sport or watch Sky Sports news; read newspapers such as the Times or The Guardian and open your mind to a world of sport! • Be able to and regularly access GCSE pod, BBC bite size AQA PE to develop those extra ideas/knowledges; • Be interested in sport both practically and also theoretically. This is a must.
<p>Where will the course take you?</p>	<p>Successful application at GCSE can lead onto A Level PE and Sport here at NHGS.</p> <p>Usual combinations with A Level PE can include Geography, Biology, Mathematics, Design and Technology, Psychology and Business Studies.</p> <p>This qualification also enables students to develop other skills such as critical thinking, communication, leadership and motivating others.</p> <p>Apprenticeship or employment post-18 in the fitness and health industry.</p> <p>University courses in Sports Science, Physiotherapy, PE and Sport degrees, plus teacher training in PE. Careers in sport and coaching, personal training, Physiotherapy and Applied Science.</p>

Exam Board	AQA
Overview of the subject at GCSE	<p>Religious Studies is an exciting subject that plays a crucial role in shaping your understanding of the world and your place within it. This rewarding, interdisciplinary subject encourages critical thinking; cultivates empathy and curiosity; and develops informed individuals who can engage meaningfully with diverse perspectives in the wider world.</p> <p>The aim of our Key Stage 4 curriculum is to build on the knowledge and skills acquired in Key Stage 3. Our chosen syllabus incorporates both Abrahamic and Dharmic traditions as well as a combination of ethical and philosophical themes. Guided by the requirements of the AQA GCSE specification, we not only meet but exceed these standards to include wider context and synoptic links to ideas and sources beyond the confines of the examination. You will be exposed to and encouraged to access advanced level language and read widely to enhance your learning in preparation for your next stage on the learning journey. It is a subject that complements a wide variety of companion subjects in humanities, social sciences and English.</p> <p>Assessment will be through two written examinations at the end of Year 11.</p> <p>Component 1: Study of beliefs, teachings and practices in Christianity and Buddhism.</p> <p>Component 2: Study of four religious, philosophical and ethical themes:</p> <ul style="list-style-type: none"> • The existence of God and revelation; • Religion, peace and conflict; • Religion, crime and punishment; • Relationships and families. <p>There are no controlled assessments or coursework.</p> <p>https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-8062/specification/specification-at-a-glance</p>
Skills required to be successful at GCSE	<p>In all aspects of the course, you will be expected to think, act and speak as scholars, listen to the views of others, give informed reasons for your opinions and to develop critical and analytical skills.</p> <p>You will gain not only academic knowledge, but also develop vital life skills — empathy, critical thinking, and ethical reasoning — that empowers you to make thoughtful choices in an increasingly complex world.</p> <p>You will be required to be enthusiastic in your attitude towards your learning in the classroom and when undertaking independent learning activities. Elements of the course will require wider reading and extended writing and you will be supported to develop discursive essay writing techniques that will benefit you in other curriculum areas.</p>
Where will the course take you?	<p>Religious Studies is a well-respected academic subject that supports study of a wide range of subjects at GCSE and A Level, as well as preparing for the world of work. A GCSE in Religious Studies offers the opportunity to explore diverse lifestyles and discuss ethical issues. Debating and evaluating cotemporary moral issues will enable you to hone your dialectic and rhetoric skills which are essential in further academic study beyond GCSEs.</p> <p>Universities recognise and value the skills of critical thinking and analysis that is fostered in academic subject and it is an ideal subject for an introduction to courses such as law; philosophy; politics; social science subjects and a wide range of pathways that require understanding of diversity within human nature such as education and health.</p> <p>At NHGS, successful medical students have studied Religious Studies A Level in order to assist their chosen future pathway of medical ethics whilst the rise of AI across all sectors means that large tech companies are now seeking ethics and philosophy graduates to support the development of AI technologies.</p>

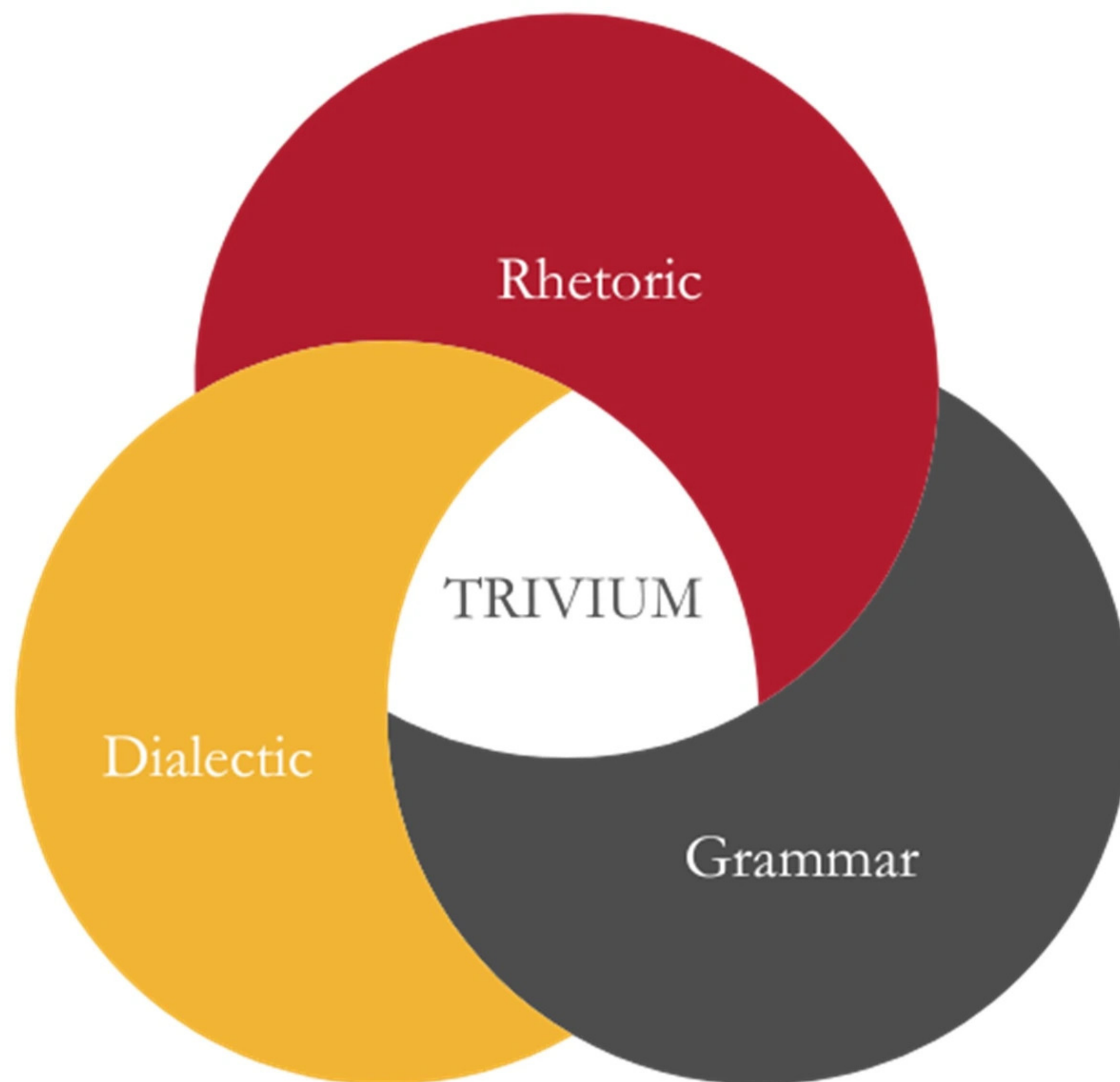
Exam Board	AQA
Overview of the subject at GCSE	<p>Biologists are scientists who study the natural world and all the living things in it, from the largest mammals down to our very own microscopic DNA. They try to understand how animals and organisms work (including humans), how we evolved and the things that can make us sick or improve our health. Biologists use this knowledge to do things like trying to stop the spread of disease, tracking down natural resources, improving public health, animal care and conservation and to work out the true impacts of things like pollution.</p> <p>Subject content:</p> <ul style="list-style-type: none"> • Cell biology; • Organisation; • Infection and response; • Bioenergetics; • Homeostasis and response; • Inheritance, variation and evolution; • Ecology.
Skills required to be successful at GCSE	<p>As with the other sciences, Biology helps you to build up research, problem solving, organisation and analytical skills. If you study Biology, you will likely find yourself working on group projects, which will help you build your teamwork and communication skills too.</p> <p>Transferable skills you can gain from studying biology include data investigation, excellent numeracy and good research skills.</p> <p>The Biology course does have considerable content and therefore regular revision and review of the material is essential and you will need excellent independent study skills to succeed.</p>
Where will the course take you?	<p>Biology is a key subject for lots of STEM careers, particularly in healthcare, medicine and jobs involving plants or animals. The list is pretty long and includes: nursing, dentistry, forensic science, psychology, physiotherapy, botany, environmental science, zoology, geology, oceanography, pharmaceuticals, energy, teaching, Science writing, genetics and research. Biology is excellent preparation for non-scientific careers, thanks to the skills it provides – everything from analytical thinking to writing reports.</p>

Separate Sciences - Chemistry

Exam Board	AQA
Overview of the subject at GCSE	<p>Chemistry is the science of the composition, structure, properties and reactions of matter. It is concerned with the synthesis, formulation, analysis and characteristic properties of substances and materials of all kinds. You will develop an understanding of how chemistry is fostered so that the benefits and drawbacks of real-life applications of science, including their everyday, industrial and environmental aspects, are fully appreciated. The key themes studied at Years 10 and 11 are:</p> <ul style="list-style-type: none"> • The nature of substances and how they react together; • How chemistry is used in business and industry; • How our use of raw materials in fuels and manufacturing can affect the global and local environment. <p>All formal assessment is taken at the end of Year 11, but regular internal assessment is undertaken throughout the course. The final GCSE grade will be awarded on the basis of two written examinations only. The examination includes multiple choice, structured, closed short answer and open response questions.</p> <p>Course content for GCSE Chemistry:</p> <ul style="list-style-type: none"> • Atomic structure and the periodic table; • Bonding, structure, and the properties of matter; • Quantitative chemistry; • Chemical changes; • Energy changes; • The rate and extent of chemical change; • Organic chemistry; • Chemical analysis; • Chemistry of the atmosphere; • Using resources.
Skills required to be successful at GCSE	<p>To be successful in GCSE Chemistry it is expected that you should have the following skills:</p> <ul style="list-style-type: none"> • A reasonable standard of Mathematics to be able to cope with calculations and reasonable written English and comprehension skills; • An interest in learning about the applications of science in the world around us; • Resilience and a willingness to work hard throughout the course. <p>The Chemistry course does have considerable content and therefore regular revision and review of the material is essential and you will need excellent independent study skills to succeed.</p>
Where will the course take you?	<p>Chemistry is at the root of many cutting-edge scientific discoveries, new processes and products. Transferable skills you can gain from studying chemistry include data investigation, excellent numeracy and good research skills. Chemistry A Level is classed as a facilitating subject which is a subject that is most often required by top universities. It would complement the following common degree courses with transferable skills or useful background knowledge: Geography, Engineering, Physics, Biology, Medicine, Mathematics, Psychology, Computer Science and Architecture.</p> <p>Careers are available in medicine, veterinary practice and nursing, teaching, engineering, pharmaceuticals, physiotherapy, sports science, nursing, marine biology, geology, surveying, manufacturing (particularly in agrichemicals, pharmaceuticals, paints, perfumes, food, and plastics) and in areas such as forensics, environmental protection, chemical engineering and healthcare. Chemistry students' problem solving skills are useful for many other areas, too, such as law and finance.</p>

Exam Board	AQA
Overview of the subject at GCSE	<p>The GCSE Physics course will introduce you to the following physical principles:</p> <ul style="list-style-type: none"> • The use of models, as in the particle model of matter or the wave models of light and of sound; • The concept of cause and effect in explaining such links as those between force and acceleration, or between changes in atomic nuclei and radioactive emissions; • The phenomena of 'action at a distance' and the related concept of the field as the key to analysing electrical, magnetic and gravitational effects; • That differences, for example between pressures or temperatures or electrical potentials, are the drivers of change. <p>All formal assessment is taken at the end of Year 11, but regular internal assessment is undertaken throughout the course. The final GCSE grade will be awarded on the basis of two written examinations only. The examination includes multiple choice, structured, closed short answer and open response questions.</p> <p>Course content for GCSE Physics:</p> <ul style="list-style-type: none"> • Energy; • Electricity; • Particle model of matter; • Atomic structure; • Forces; • Waves; • Magnetism and electromagnetism; • Space physics.
Skills required to be successful at GCSE	<p>To be successful in GCSE Physics it is expected that you should have the following skills:</p> <ul style="list-style-type: none"> • A reasonable standard of Mathematics to be able to cope with calculations and reasonable written English and comprehension skills; • An interest in learning about the applications of science in the world around us; • Resilience and a willingness to work hard throughout the course. <p>The Physics course does have considerable content and therefore regular revision and review of the material is essential and you will need excellent independent study skills to succeed.</p>
Where will the course take you?	<p>Physics will help you to build up your problem solving, research, and analytical skills. With these skills you'll be able to test out new ideas plus question and investigate other people's theories, which is useful for any kind of job that involves research or debate. The numeracy and logical thinking acquired through studying physics can be a starting point for a whole range of careers.</p> <p>Physics is a really useful subject for the majority of STEM (Science, Technology, Engineering and Mathematics) careers and you'll find Physicists everywhere, in industry, transport, government, universities, the Armed Forces, the Secret Service, games companies, research labs and more. Physics is especially helpful for jobs that involve building things and developing new technologies, including: engineering (civil, mechanical, aerospace, chemical, electronic, nuclear, automotive), astronomy, robotics, renewable energies, computer science, communications, space exploration, science writing, sports and games technology, research and nanotechnology.</p>

Trivium at NHGS



Grammar

This is knowledge - and the ability to understand and secure knowledge, and to appreciate how this fits into a broader picture.

Dialectic

This is the art of investigating or discussing the truth of opinions. Dialectic includes mathematical and scientific reasoning, argument and debate, and the development of character.

Rhetoric

This is the ability to express and articulate ideas in a range of ways such as writing, performances, designs and creations.

English and Mathematics at Grade 5 or above. A minimum of five GCSEs at Grade 6 or above.

We recommend a Grade 6, but will accept students with a Grade 5 in any subject to be studied at A Level (where the student has previously studied the subject) provided the other requirements are met.

Equivalent vocational qualifications may be accepted.

All full course Level 2 qualifications, including Applied GCSEs of whatever size, will count as one GCSE. The following also apply:

- To study Biology, students need to have achieved a Grade 6 or above in GCSE Biology or a minimum of two Grade 6s in Science at GCSE;
- To study Mathematics, students need a Grade 7 in GCSE Mathematics;
- To study Further Mathematics, students need to have achieved a Grade 8 at GCSE Mathematics;
- To study Physics or Chemistry, students need to have achieved a Grade 7 or above in the respective GCSEs or a minimum of two Grade 7s in Science at GCSE. They also need a Grade 6 or above in GCSE Mathematics;

- To study Computer Science, students must have Grade 6 or above in GCSE Mathematics;
- To study Music, students must have a Grade 7 or above in GCSE Music.;
- To study French or Spanish, students must have a Grade 7 or above at GCSE in their chosen language;
- Students studying PE should play a sport that is on the specification at club / county level or above;
- Students wanting to study four A Level courses should achieve at least an average GCSE Grade of 7.

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